

# CSP

2006

## New Practices & Enhancements UPPER GRANDE RONDE WATERSHED

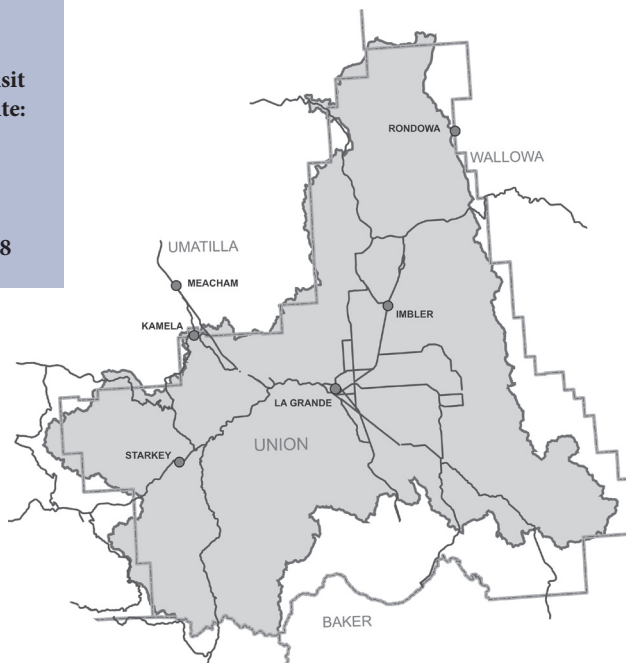


Oregon Natural Resources Conservation Service

For more information, visit  
the Oregon NRCS Web site:  
[www.or.nrcs.usda.gov](http://www.or.nrcs.usda.gov)

...or contact your local  
NRCS field office:

La Grande - 541-963-4178



### CSP 2006 New Practices

Below is a list of new practices that can potentially receive cost-share through the Conservation Security Program. ALL NEW PRACTICES RECEIVE COST-SHARE AT A RATE OF 50% of the amount listed below. New practice payments for limited resource farmers and beginning farmers and producers may receive a 65% cost-share rate. New practice payments cannot exceed a total of \$10,000 for the life of the contract.

Please check practices you would be interested in installing.

#### CSP 2006: UPPER GRANDE RONDE WATERSHED

#### NEW PRACTICES

New Practice Name	Units	Cost per Unit	Planned
Channel Bank Vegetation	Acre	\$100	
Critical Area Planting	Acre	\$160	
Fence	Foot	\$1.50	
Field Border	Foot	\$.90	
Filter Strip	Acre	\$106	
Hedgerow Planting	Foot	\$3	
Pasture and Hayland Planting	Acre	\$96	
Pipeline	Foot	\$2	
Range Planting	Acre	\$198	
Riparian Herbaceous Cover	Acre	\$96	
Riparian Forest Buffer	Acre	\$300	
Stream Crossing	Foot	\$19	
Waste Utilization	Acre	\$15	
Watering Facility	Each	\$750	
Windbreak/Shelterbelt Establishment	Foot	\$3	
Wildlife Watering Facility Installation	Each	\$1,000	

### CSP 2006 Enhancement Practices

Below is a list of enhancements that can potentially receive payments through the Conservation Security Program. The payment will be calculated at a variable payment rate for benchmark (already completed) practices. Planned practices will be paid at a flat rate of 100%, and may be added during announced contract modification periods based on annual program funding. The total of your enhancement payments in any one year cannot exceed \$13,750 for Tier I, \$21,875 for Tier II, and \$28,125 for Tier III. Please check the practices you are currently using under the Benchmark column and practices you plan to complete in the Planned column.

#### CSP 2006: UPPER GRANDE RONDE WATERSHED

#### ENHANCEMENT PRACTICES

<b>Enhancement Practice Name</b>	<b>Description</b>	<b>Unit</b>	<b>Pmt. Per Unit</b>	<b>Benchmark</b>	<b>Planned</b>
<b>Air Resource Management</b>	Manage dust with environmentally safe palliatives	<b>Acre</b>	<b>\$25</b>		
	Manage grass seed residue (bale and remove in lieu of burning) to reduce smoke and particulate matter	<b>Acre</b>	<b>\$25</b>		
	Manage odor from applied waste with same day incorporation	<b>Acre</b>	<b>\$2</b>		
	Investigate various Greenhouse Gas/Carbon sequestration scenarios by utilizing the Carbon Management Evaluation Tool for Voluntary Reporting (COMET-VR) on-line web tool	<b>Year</b>	<b>\$500</b>		
	Sprayer Calibration	<b>Year</b>	<b>\$100</b>		
<b>Drainage Water Management</b>	Drainage Water Management Level 1 (20-29)	<b>Acre</b>	<b>\$2</b>		
	Drainage Water Management Level 2 (30-39)	<b>Acre</b>	<b>\$4</b>		
	Drainage Water Management Level 3 (40-49)	<b>Acre</b>	<b>\$6</b>		
	Drainage Water Management Level 4 (50-59)	<b>Acre</b>	<b>\$8</b>		
	Drainage Water Management Level 5 (60 or more)	<b>Acre</b>	<b>\$10</b>		
<b>Energy Management</b>	Energy audit of agriculture operation	<b>Each</b>	<b>\$500</b>		
	Recycle all used motor oil for tractors and lubricating oil for other farm equipment such as irrigation pumps	<b>Year</b>	<b>\$200</b>		
	Use of perennial legumes in the crop rotation to reduce energy need for production of nitrogen	<b>Acre</b>	<b>\$.70</b>		
	Use of annual legumes in the crop rotation to reduce energy need for production of nitrogen	<b>Acre</b>	<b>\$.10</b>		
	Use of manure to supply at least 90% of nutrient needs of plants	<b>Acre</b>	<b>\$1.10</b>		
	Soil Tillage Intensity Rating (STIR) rating less than 60	<b>Acre</b>	<b>\$.50</b>		
	Soil Tillage Intensity Rating (STIR) rating less than 30	<b>Acre</b>	<b>\$.70</b>		
	Soil Tillage Intensity Rating (STIR) rating less than 15	<b>Acre</b>	<b>\$.90</b>		
	Use of renewable energy fuel (biodiesel or ethanol)	<b>100 Gallons</b>	<b>\$25</b>		
	Renewable energy generation (wind, solar, water, geothermal & methane)	<b>100 kWh</b>	<b>\$2.50</b>		
	5% energy use reduction	<b>Total BTU's</b>	<b>\$100</b>		
	10% energy use reduction	<b>Total BTU's</b>	<b>\$200</b>		
	20% energy use reduction	<b>Total BTU's</b>	<b>\$500</b>		

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**ENHANCEMENT PRACTICES...CONTINUED**

<i>Enhancement Practice Name</i>	<i>Description</i>	<i>Unit</i>	<i>Pmt. Per Unit</i>	<i>Bench-mark</i>	<i>Planned</i>
<b>Grazing Management</b>	Manage grazing in riparian areas	<b>Acre</b>	<b>\$10</b>		
	Manage pasture using rotation grazing	<b>Acre</b>	<b>\$3</b>		
	Manage grazing strategy according to monitoring of key areas	<b>Acre</b>	<b>\$1</b>		
	Rest-Rotation or high intensity/short duration grazing on rangeland	<b>Acre</b>	<b>\$4</b>		
	Manage Livestock nutrition and health management to meet third party certification standards	<b>Year</b>	<b>\$200</b>		
	Rotation of salt, mineral, and supplemental feeding areas	<b>Acre</b>	<b>\$1</b>		
	Apply results of NUTBAL to improve livestock-forage balance	<b>Year</b>	<b>\$400</b>		
<b>Habitat Management</b>	Manage riparian buffers to improve wildlife habitat	<b>Acre</b>	<b>\$100</b>		
	Manage wildlife water so that no point on the farm is greater than 3/4 mile from water	<b>Year</b>	<b>\$200</b>		
	Manage areas dominated by invasive weeds to establish native species	<b>Acre</b>	<b>\$200</b>		
	Manage natural water sources and utilize off-stream watering facilities for livestock	<b>Year</b>	<b>\$200</b>		
	Use of continuous no-till on cropland to improve wildlife habitat	<b>Acre</b>	<b>\$5</b>		
	Manage field operations to provide escape and protection for wildlife	<b>Acre</b>	<b>\$3</b>		
	Manage center pivot corners for wildlife habitat	<b>Acre</b>	<b>\$200</b>		
	Manage food/cover plots	<b>Acre</b>	<b>\$100</b>		
	Manage vegetated field borders to improve wildlife habitat	<b>Acre</b>	<b>\$100</b>		
	Manage fish passage according to plan approved by a professional fish biologist	<b>Year</b>	<b>\$150</b>		
	Manage wildlife structures for targeted wildlife species	<b>Each</b>	<b>\$20</b>		
<b>Nutrient Management</b>	Manage feed to National Research Council Requirements	<b>Year</b>	<b>\$1,000</b>		
	Deep soil test	<b>Acre</b>	<b>\$.25</b>		
	Injection, side dressing, or banding of fertilizer	<b>Acre</b>	<b>\$2</b>		
	Non-synthetic fertilizers	<b>Acre</b>	<b>\$6</b>		
	Precision Ag techniques	<b>Acre</b>	<b>\$10</b>		
	Split nitrogen application	<b>Acre</b>	<b>\$3</b>		
	Utilize soil/manure/plant tissue test results	<b>Acre</b>	<b>\$1</b>		

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***ENHANCEMENT PRACTICES...CONTINUED***

<b><i>Enhancement Practice Name</i></b>	<b><i>Description</i></b>	<b><i>Unit</i></b>	<b><i>Pmt. Per Unit</i></b>	<b><i>Benchmark</i></b>	<b><i>Planned</i></b>
<b>Pest Management</b>	Manage pesticides and nutrients to meet third party certification standards	<b>Year</b>	<b>\$200</b>		
	Conservation crop rotation to break pest cycles	<b>Acre</b>	<b>\$10</b>		
	Manage pest control according to a comprehensive pest management plan	<b>Acre</b>	<b>\$30</b>		
	Manage filter strips to improve filtering capacity	<b>Acre</b>	<b>\$125</b>		
	Manage insect pests using biological or mechanical control methods	<b>Acre</b>	<b>\$20</b>		
	Manage invasive species with approved control plan	<b>Acre</b>	<b>\$20</b>		
	Manage pesticide spray techniques to reduce off-site losses	<b>Acre</b>	<b>\$8</b>		
	Manage plant pests using biological control methods	<b>Acre</b>	<b>\$30</b>		
	Use pesticides derived from naturally occurring substances or microorganisms to control pests	<b>Acre</b>	<b>\$200</b>		
	Manage pesticide usage by implementing pest avoidance techniques using pest resistant varieties, trap crops, etc.	<b>Acre</b>	<b>\$5</b>		
	Manage refuge habitat for beneficial organisms	<b>Acre</b>	<b>\$20</b>		
	Specifically select and apply chemicals to reduce pesticide runoff and leaching potential	<b>Acre</b>	<b>\$8</b>		
<b>Plant Management</b>	Manage buffers and borders for culturally significant native plants	<b>Acre</b>	<b>\$50</b>		
	Manage buffers and borders for nectar producing plants	<b>Acre</b>	<b>\$50</b>		
<b>Salinity Management</b>	Significantly improve salinity management by annually implementing all recommendations that result from before and after Electrical Conductivity (EC) mapping technology (Electro-Magnetic Induction (EMI) techniques)	<b>Acre</b>	<b>\$6</b>		
	Significantly improve salinity management by annually implementing all recommendations that result from Electrical Conductivity (EC) soil and water testing	<b>Acre</b>	<b>\$2</b>		
<b>Soil Management</b>	Using GPS or other similar guided measure technology, reduce soil compaction by controlling areas of traffic that result in Soil Tillage Intensity Rating (STIR) between 31 and 60	<b>Acre</b>	<b>\$1</b>		
	Using GPS or other similar guided measure technology, reduce soil compaction by controlling areas of traffic that result in Soil Tillage Intensity Rating (STIR) between 16 and 30	<b>Acre</b>	<b>\$2</b>		
	Using GPS or other similar guided measure technology, reduce soil compaction by controlling areas of traffic that result in Soil Tillage Intensity Rating (STIR) of 15 or less	<b>Acre</b>	<b>\$4</b>		

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**ENHANCEMENT PRACTICES...CONTINUED**

<i>Enhancement Practice Name</i>	<i>Description</i>	<i>Unit</i>	<i>Pmt. Per Unit</i>	<i>Bench-mark</i>	<i>Planned</i>
<b>Soil Management Continued</b>	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of:				
	at least 0.1 to 0.3	<b>Acre</b>	<b>\$2.32</b>		
	at least 0.4 to 0.6	<b>Acre</b>	<b>\$5.80</b>		
	at least 0.7 to 0.9	<b>Acre</b>	<b>\$9.28</b>		
	at least 1.0 to 1.2	<b>Acre</b>	<b>\$12.76</b>		
	at least 1.3 to 1.5	<b>Acre</b>	<b>\$16.24</b>		
	at least 1.6 to 1.8	<b>Acre</b>	<b>\$19.72</b>		
	at least 1.9 to 2.1	<b>Acre</b>	<b>\$23.20</b>		
	at least 2.2 to 2.4	<b>Acre</b>	<b>\$26.68</b>		
	at least 2.5 or greater	<b>Acre</b>	<b>\$29</b>		
	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 31 and 60	<b>Acre</b>	<b>\$.50</b>		
	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 16 and 30	<b>Acre</b>	<b>\$1</b>		
	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) of 15 or less	<b>Acre</b>	<b>\$2</b>		
<b>Water Management</b>	Participate in a field poly tubing recycling program	<b>Year</b>	<b>\$300</b>		
	Irrigation Enhancement Index Level 1 - 60 - 64%	<b>Acre</b>	<b>\$2</b>		
	Irrigation Enhancement Index Level 2 - 65 - 69%	<b>Acre</b>	<b>\$4</b>		
	Irrigation Enhancement Index Level 3 - 70 - 74%	<b>Acre</b>	<b>\$6</b>		
	Irrigation Enhancement Index Level 4 - 75 - 79%	<b>Acre</b>	<b>\$8</b>		
	Irrigation Enhancement Index Level 5 - 80 - 84%	<b>Acre</b>	<b>\$10</b>		
	Irrigation Enhancement Index Level 6 - 85% plus	<b>Acre</b>	<b>\$12</b>		
	Remote monitoring of irrigation pumping plants	<b>Year</b>	<b>\$250</b>		
	Use methods to reduce evaporative losses as an integral part of an Irrigation Water Management (IWM) system and one of the following activities: 1) irrigation timing OR 2) windbreaks or barriers	<b>Acre</b>	<b>\$4</b>		
	Use methods to reduce evaporative losses as an integral part of an Irrigation Water Management (IWM) system	<b>Acre</b>	<b>\$3</b>		

## CSP 2006 Client Acknowledgement Statement

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I have elected to use the checked new practice and enhancement activities listed in this document and understand the requirements of the selected activities for my CSP application.

I agree the following information will be provided to NRCS upon request:

- Written documentation of the activity performed (use NRCS Enhancement worksheets or equivalent).
- Copies of dated receipts for equipment or services purchased.

I understand the CSP New Practice and Enhancement earnings are subject to payment caps and my actual payment will depend on my CSP Tier level, the number of acres enrolled and available funding.

I understand it is my responsibility to obtain all necessary permits and to comply with all ordinances and laws pertaining to the application of these activities.

Accepted by: /s/ \_\_\_\_\_ Date: \_\_\_\_\_